



**US Army Corps
of Engineers**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	TAM-MVK-2007-80
EVALUATOR:	Tonya Myrick
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DATE:	May 2, 2007
EXPIRATION DATE:	May 23, 2007

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, proposes to discharge dredged and fill material into waters of the United States pursuant to Section 404 of the Clean Water Act for the proposed construction description herein. The State of Mississippi is considering the Corps' application for a State Water Quality Certification for the proposed discharges. Comments should be forwarded to the Vicksburg District, ATTN: CEMVK-OD-F, at the above address and the Mississippi Department of Environmental Quality, Office of Environmental Services, Post Office Box 10385, Jackson, Mississippi 39289-0385, and must reach these offices by the cited expiration date.

Location of Work: Section 21, T23N-R6E, UTM 16 243499E 3748424N, north of Grenada Lake, Grenada County, Grenada, Mississippi.

Description of Work: (See enclosed map and drawings.)

The U.S. Army Corps of Engineers, Vicksburg District, proposes to construct an additional 16-acre recreational impoundment directly north of Grenada Lake, Grenada, Mississippi.

The project site is located adjacent to the north end of the Grenada Lake dam. Within the project impact site, 13.1 acres of wetlands were identified. Additionally, there is approximately 700 linear feet of other waters of the United States located within the proposed lake bed. The applicant would use approximately 22,608 cubic yards of silt loam obtained from onsite to fill the wetlands and other waters of the United

States. An additional 6,711 cubic yards of soil would be hauled to the site from a clean off-site area to be used in the construction of the core of the dam.

There are three types of vegetated areas found on site. The dominant vegetation is broom sedge and comprises 10.4 acres of the proposed impact site. Vegetation on the western edge of the site is juncus, soft stem rush and broom sedge. Approximately 1.6 acres of this would be inundated by the proposed lake. The southern portion of the property contains the wettest areas due to inundation of the property mostly year-round. Vegetation consists of broomsedge, panicum, coffee weed and bald cypress (*Taxodium distichum*). Levee construction would impact 1.1 acres of this plant community.

An ephemeral drain runs through the site. Upon project completion, 150 linear feet (0.02 acre) would be filled for proposed dam construction. Approximately 550 linear feet (0.06 acre) would be inundated within the normal pool stage of the new lake.

The soil survey indicates the soil type for the project area is a Falaya silt loam. This is listed as a hydric soil. Site hydrology is associated with the frequent flooding from Grenada Lake.

The dam would be constructed by excavating material within the area of the proposed lake bed to build the earthen dam. Construction of the new lake would facilitate the creation of 36 additional Class A campsites. The dam would also provide high-water access to 36 existing campsites that are currently inaccessible if Grenada Lake levels exceed 226 National Geodetic Vertical Datum (NGVD).

The proposed dam would be approximately 14 feet high, 937 feet long and have a base width of 142 feet. The dam would have a top width of 28 feet wide with 4:1 front and back slopes. There would be over 192 acres of watershed for the proposed lake.

The mechanical clearing and placement of dredged and/or fill material in wetlands and waters of the United States requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project would not affect any of the sites in Grenada County listed in the National Register of Historic Places. Copies of this notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes and other interested parties for comment on potential effects to cultural resources that could result from this activity.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

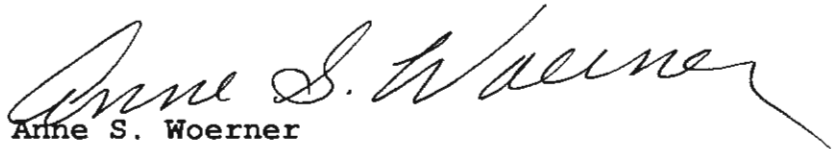
Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These

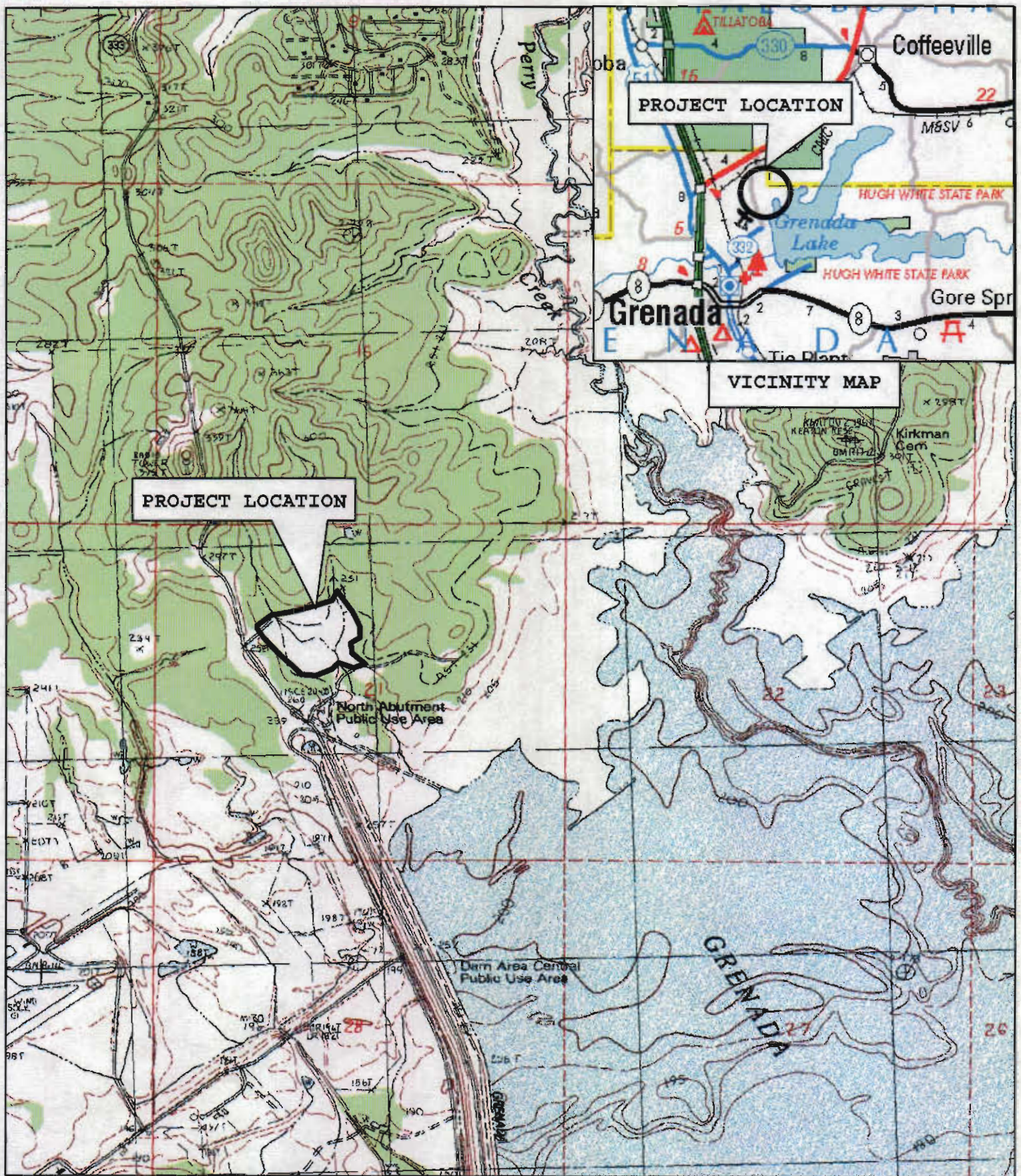
comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.


Anne S. Woerner
Acting Chief, Evaluation Section
Regulatory Branch

16-ACRE RECREATIONAL IMPOUNDMENT
GRENADA LAKE, MISSISSIPPI



GRENADA QUAD

1:24,000

0 0.25 0.5 1 Miles



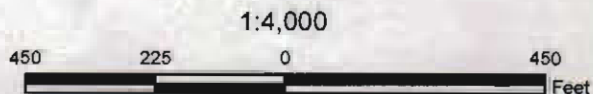
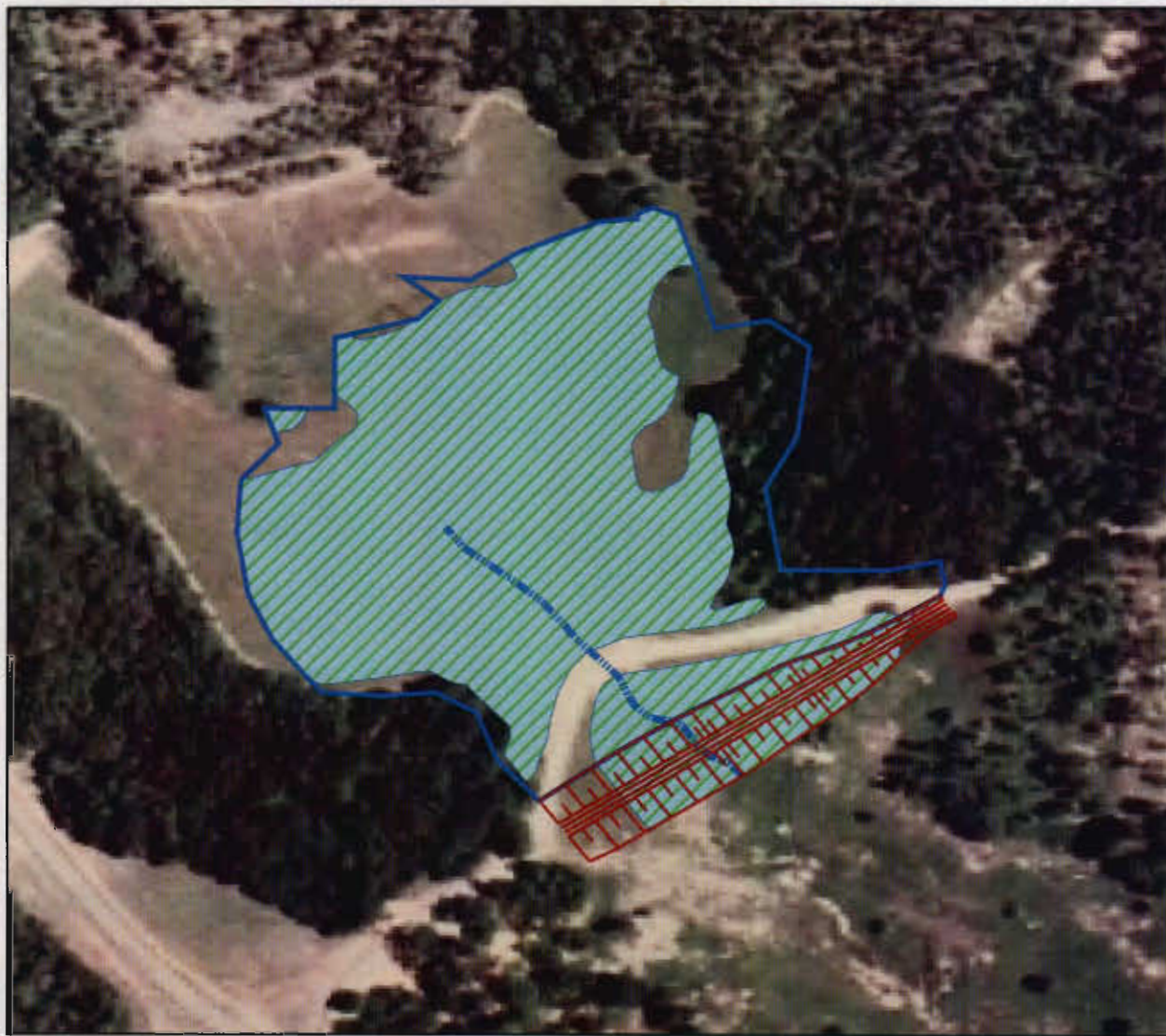
CEMVK-OD-FE TAM-MVK-2007-80
USACE-GRENADA LAKE







US Army Corps
of Engineers

Jurisdictional Determination Proposed North Abutment 16-Acre Lake

Section 21, T23N-R5E, Grenada County, Mississippi
Approximate center coordinates: N 33° 50' 49.01", W 89° 46' 44.71"



Legend

-  Proposed Dam Footprint
-  Projected Normal Pool Stage
-  Ephemeral Stream (Approx. 700 L.F.)
-  Wetlands (Approx. 13.1 Acres)

**Vicksburg District, CE
Approved JD**

ID# MVK-2007-80

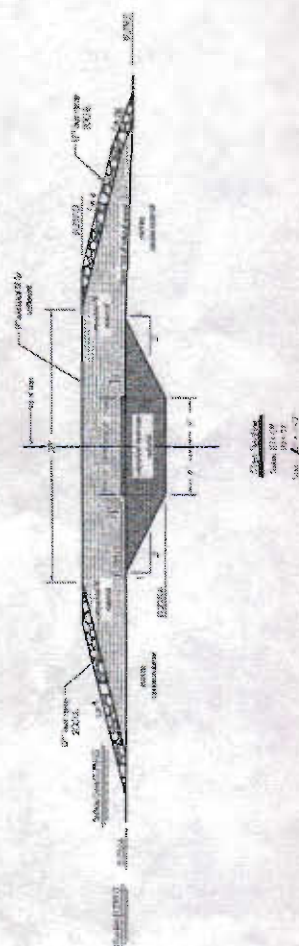
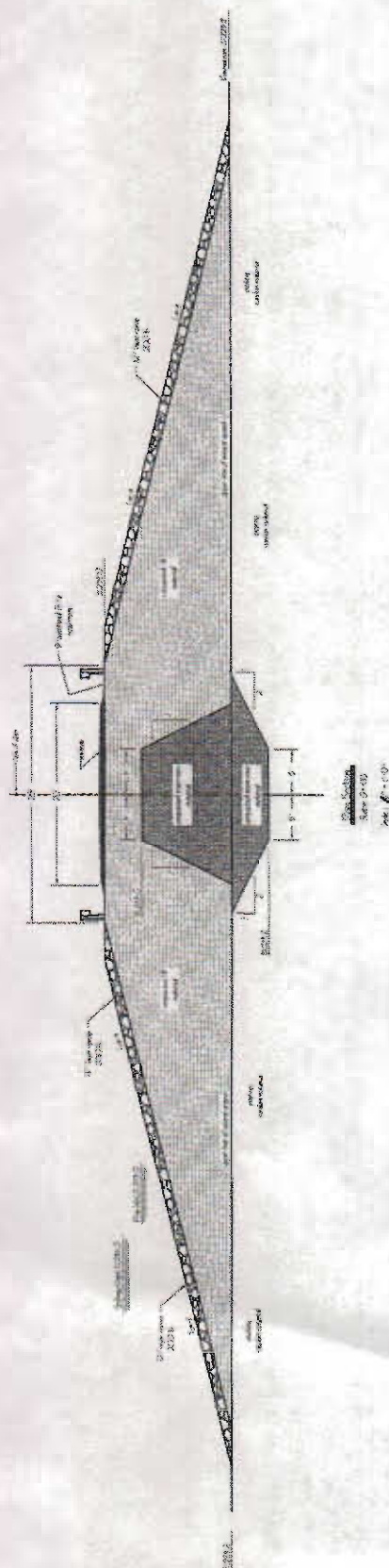
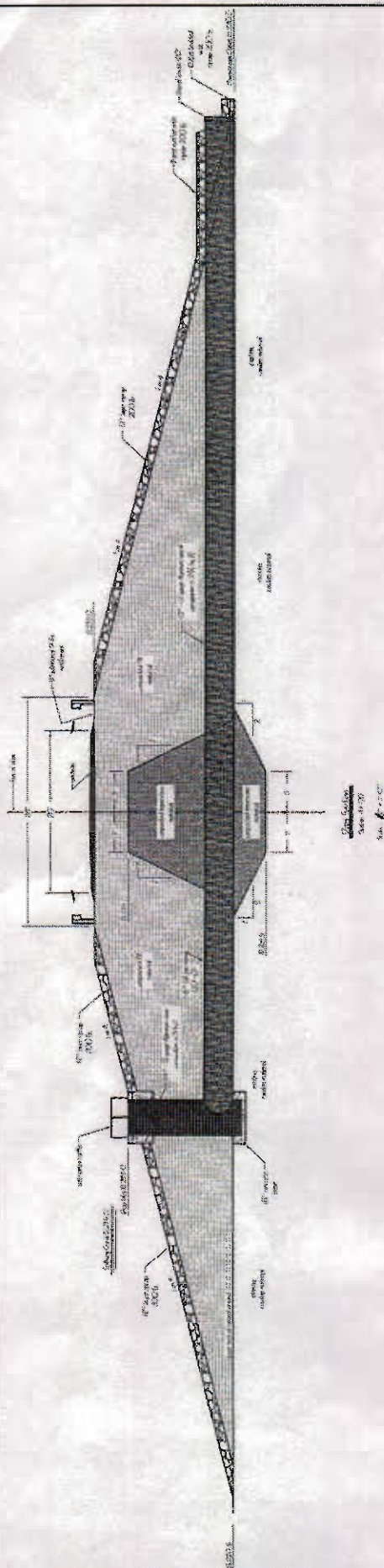
Date 03/16/2007

Signature 



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USACE-GRENADA LAKE

Map created by Carpenter on March 10, 2007



**U.S. ARMY CORPS OF
ENGINEERS
GRENADA LAKE**

Drawing reference number G-06-0002

a print contains a non-scaled portion of the "Embankment Dam Sections" print.



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